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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 26th December 1964

Special Notice

(1)

The undermentioned publications which have hitherto been sold by the In-charge, Government of India Book Depot, 8, Hastings Street, Calcutta-1 have been transferred to the Patent Office, 214, Lower Circular Road, Calcutta-17 and copies thereof will henceforth be sold by the Patent Office :

Printed Specifications Nos. 72001 to 75000.

2. Copies of the Specifications Nos. 1 to 72000 would also continue to be sold by the Patent Office as before.

(2)

Attention to the public is invited to Ministry of Industry & Supply S.O. 3759 dated the 22nd October, 1964 published in the Gazette of India, Part-II, Section 3(ii) dated the 31st October 1964 whereby the Central Government have appointed the Director, Ahmedabad Textile Industry's Research Association, Navrangpura, Ahmedabad-9 as one of the authorities for the purposes of Section 72 of the Indian Patents and Designs Act, 1911 (Act II of 1911).

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

5th December 1964

96859. D. V. D. Sharma and K. K. D. Sharma. Manufacture of a descaling compound used for descaling boilers, heat exchangers, condensers etc.

96860. J. R. Geigy A. G. Abrasive metal-polishing compositions. (6th December 1963).

96861. J. R. Geigy A. G. Use of substituted benzotriazoles as corrosion inhibitor and metal deactivator. (6th December 1963).

96862. Abbott Laboratories. Improvement in electrode construction.

96863. Farbenfabriken Bayer Aktiengesellschaft. Water insoluble azo dyestuffs. (20th August 1964).

96864. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of anthraquinone sulphonic acids. (24th August 1964).

96865. Westinghouse Brake and Signal Company Limited. Automatic slack adjusting mechanism. (24th December 1963). [Addition to No. 63462].

96866. Imperial Chemical Industries Limited. Improved polymeric compositions. (9th December 1963).

96867. The English Electric Company Limited. Electrical protective relays. (10th December 1963).

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96868. C. A. Parsons & Company Limited. Improvements in and relating to electrical transformers. (25th May 1964).

96869. Atlantic Hydrofoils, Inc. Mechanical control for submerged hydrofoil systems.

96870. Radio Corporation of America. Ignition system.

96871. Allied Chemical Corporation. Preparation of alkylated aromatic compounds.

96872. Glaxo Laboratories Limited. Chemical process (10th December 1963).

96873. Evans Medical Limited. Chemical compounds. (13th December 1963).

96874. British Nylon Spinners Limited. Measuring apparatus. (17th December 1963).

96875. Shell Internationale Research Maatschappij N. V. Inhibiting the vertical migration of solid particles through a liquid.

96876. International Business Machines Corporation. A method of making a carbonless transfer element.

96877. Vandervell Products Limited. Improvements in or relating to coating substrates with compositions.

96878. Imperial Chemical Industries Limited. Improvements in and relating to accessories for vehicle wheels. (6th December 1963).

96879. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.

96880. British Belting & Asbestos Limited. Improvements in or relating to belts. (20th December 1963).

96881. Universal Protein Establishment. Extracting starches and proteins from vegetable matter.

96882. S. T. Henriksson, A. Malmgren, R. L. Muotka and L. H. Widegren. Improved loading apparatus.

96883. Vereinigte Glanzstoff-Fabriken A. G. Process for improving the bonding with rubber of type cord consisting of polyethylene terephthalate. (22nd October 1964).

96884. Vereinigte Glanzstoff-Fabriken A. G. Process for improving the bonding with rubber of tyre

- cord consisting of polyethylene terephthalate. (22nd October 1964). [Addition to No. 96883].
96885. Vereinigte Glanzstoff-Fabriken A. G. Process for improving the bonding with rubber of tyre cord consisting of polyethylene terephthalate. (22nd October 1964).
96886. Vereinigte Glanzstoff-Fabriken A. G. A process for improving the bonding with rubber of polyethylene terephthalate tyre cord. (22nd October 1964). [Addition to No. 96885].
96887. W. Schmidt-Salzman. Process and devices for dressing yarns with liquid paraffin.
96888. Combustion Engineering, Inc. Method of making seamless tubes.
96889. Iowa State University Research Foundation, Inc. Method of growing soy beans.
96890. General Electric Company. Improvements in or relating to process and product.
96891. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzimidazolium compounds and process for preparing them.
96892. General Foam Corporation. Manufacture of expanded cellular products.
96893. Spofa, Sdruzeni Podniku Pro Zdravotnickou Vyrobu. A method of preparing new quaternary ammonium salts with disinfectant activity.
96894. CKD Praha, narodni podnik. Vacuum-tight casing for semi-conductor elements.
96895. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Amino ketones and a process for their production. (3rd November 1964). [Addition to No. 87847].
96896. J. L. Bedi. Process to coat metallic containers with polythene plastic.
96897. M. R. Rao. Testing apparatus insulation tester.
8th December 1964
96898. C. M. Kothari. Improvements in or relating to fillers for packagings.
96899. N. Chandrabhanu. Extraction of tanning materials from cashew skin viz. the tests covering the seed kernel of anacardium occidentale.
96900. M. K. Tembe. Fuel burner.
96901. Lakeside Plastics Corporation. Improvements in or relating to coated expanded polystyrene foam and method of producing the same.
96902. Shell Internationale Research Maatschappij N. V. Novel organo-phosphorous compounds, their preparation and use, and pesticidal compositions containing them. (10th December 1963).
96903. Cellophane Investment Company Limited. Devices for preparing packages made of thermoplastic material for evacuation.
96904. Imperial Chemical Industries Limited. Improved web winding method and apparatus. (13th December 1963).
96905. The Singer Company. Locked tufting stitch.
96906. A. Johansen. Teaching device. (23rd December 1963).
96907. The Associated Portland Cement Manufacturers Limited. Heat exchange processing apparatus. (6th May 1964).
96908. Sperry Rand Corporation. Character reader.
96909. Sperry Rand Corporation. Data processing system.
96910. Ciba Limited. Manufacture of new basic compounds.
96911. Ciba Limited. Manufacture of new thiazolo-[5, 4-d] thiazoles.
96912. National Castings Company. Cargo container and lifting equipment therefor.
96913. E. H. Green. Multiple spray rate pressurized package dispenser.
96914. Standard Telephones and Cables Limited. Capacitors.
96915. Standard Telephones and Cables Limited. Improvements in or relating to semiconductor devices. (13th February 1964). [Addition to No. 96610].
96916. Standard Telephones and Cables Limited. Electrical lead connections. (31st January 1964).
96917. Standard Telephones and Cables Limited. Ceramic capacitors. (31st January 1964).
96918. Standard Telephones and Cables Limited. Pulse signal exchange.
96919. Fairbairn Lawson Limited. Improvements in or relating to flyer spinning machines. (19th February 1964).
96920. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of amines.
96921. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Antioxydative agent.
96922. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Thiazoles and process for the manufacture thereof.
96923. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of polyamides of isophthalic and terephthalic acids in fine granulated form.
96924. Ciba Limited. Photographic light-sensitive material.
96925. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing a cylindrical support rotating in operation and provided at the periphery with a plurality of circuit parts comprising a useful gap for magnetic heads and supports manufactured by said method.
96926. Arun Bose. Improvement in or relating to filing systems.
96927. Arun Bose. Improvements in or relating to buttons, keys or the like for musical instruments, typewriters, calculating duplicating and like machines.
96928. Arun Bose. A speech making gadget.
96929. E. Merck Aktiengesellschaft. Process for the manufacture of 6 α -methyl-16-fluoromethylene-steroids.
96930. Veb Elektrochemisches Kombinat Bitterfeld. A process for preparation of 0.0-dialkyl-dithiophosphoryl-fatty-acid amides.
96931. Veeder-Root, Inc. Transfer mechanism.
96932. Dr. S. N. Jaiswal. Electronic ionization plants for manufacture of pure caustic soda.
9th December 1964
96933. Dr. S. M. Atlas. Adhesive compositions. [Divisional date 19th December 1963].
96934. Dr. S. M. Atlas. Printing inks and compositions. [Divisional date 19th December 1963].
96935. Westinghouse Electric Corporation. Switch construction.
96936. Shand Safety Equipment Proprietary Limited. Emergency braking device for vehicles. (15th January 1964).
96937. Phillips Petroleum Company. Improvements relating to preparation of elastomers.
96938. Commissariat A L'Energie Atomique. Improvements in methods and devices for measuring magnetic fields, in particular low magnetic fields on board of a movable body.
96939. Ceskoslovenska akademie ved. A process for the manufacture of 1-blycosyl-5-azacytosines.
96940. J. R. Geigy A. G. Process for the production of heterocyclic aromatic pigments. (10th December 1963).
96941. United States Steel Corporation. Method and apparatus for coating strip material by vapor deposition.
96942. United States Steel Corporation. Method and apparatus for coating strip material by vapor deposition.
96943. Super Oil Seals & Gaskets Limited. Seals. (12th December 1963).

96944. Super Oil Seals and Gaskets Limited. Seals for frictionless bearings. (13th December 1963).
96945. Luwa A. G. Drive apparatus.
96946. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Polymeric compositions stable to light and process for their preparation.
96947. United States Steel Corporation. Constant-pressure pinch rolls for continuous casting.
96948. Standard Telephones and Cables Limited. Method to fix soldering lugs in wafers.
96949. S. & R. J. Everett & Company Limited. Improvements relating to sterile packing. (10th December 1963).
96950. Hudson Patents Limited. Improvements in furniture. (10th December 1963).

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96951. Dr. W. Kampschulte & Cie. A process for the production of a decorative corrosion resistant nickel-chromium coating.
96952. Amar Dye-Chem Limited. New water-soluble monoazo dyestuffs, their manufacture and use.
96953. Ministerul Industriei Petrolului Si Chimiei. Process for obtaining ammonium sulphate directly.
96954. Ciba Limited. Manufacture of cyclohexane compounds.
96955. Ciba Limited. Manufacture of new halogenpyrimidines.
96956. Dai-ichi Kogyo Seiyaku Company, Limited. Method of producing a permanent softener for textile materials.
96957. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semi conductor devices. (13th December 1963).
96958. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semi conductor devices. (13th December 1963).
96959. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of masking. (13th December 1963).
96960. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to photo-electric cells and methods for their manufacture.
96961. Rhone-Poulenc S. A. Process for the preparation of oxadiazolone compounds and herbicidal compositions containing them.
96962. Indian Oxygen Limited. Improvements in or relating to apparatus for the treatment of metal with gases. (10th December 1963).
96963. Standard Oil Company. A composition and a process.
96964. Esso Research and Engineering Company. Reduction of iron ore.
96965. G. Chand. Improvements in surgical dressings. (13th December 1963).
96966. British Ropes Limited. Improvements in or relating to wire strand or rope. (26th March 1964).
96967. Aktiebolaget Bofors. Method of producing a special phenyl carbamate.
96968. Eastman Kodak Company. Apparatus and method for treatment of tow.
96969. Srinivasa. Eliminating the risks of infection through the mouth piece of a telephone and also to give better adour and for diagnosis of a person.
96970. L. S. Perez. Multi spindle auto winder.
96971. P. G. Bhide. A coin paying device.
96972. Ball Brothers Company Incorporated. Method and apparatus for testing hollow articles.
96976. T. Satake. Grain separator.
96977. Toa Gosei Kagaku Kogyo Kabushiki Kaisha and Ihara Chemicals Co., Ltd. Herbicidal compositions.
96978. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basic azo dyestuffs and processes for preparing them.
96979. Farbenfabriken Bayer Aktiengesellschaft. A process for working up crude sodium borohydride. (22nd October 1964).
96980. The Metal Box Company Limited. Improvements in or relating to cans. (13th December 1963).
96981. Fairbairn Lawson Limited. Improvements in or relating to textile spinning machines. (6th November 1964).
96982. Gloucester Railway Carriage & Wagon Company Limited. Improvements in or relating to bogie trucks for rail vehicles.
96983. Kanegafuchi Spinning Co., Ltd. Process for manufacturing composite filaments.
96984. Harbison-Walker Refractories Company. Rotary kiln with heat exchanger.
96985. Harbison-Walker Refractories Company. Improved kiln.
96986. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to agents for the combatment of moulds.
96987. Bata Shoe Company Private Limited. Improvements in or relating to the production of shoes. (12th December 1963).
96988. Aktiebolaget Bofors. Device for feeding cartridges of ammunition in a cartridge magazine of an automatic gun.
96989. Aktiebolaget Bofors. Control device.
96990. Aktiebolaget Bofors. Method of producing new acyloxy acetals for cortisone derivatives.
96991. International Business Machines Corporation. A method of making liquid-filled porous plastic sheets.
96992. International Business Machines Corporation. A method of making a liquid-filled porous plastic material.
96993. The Bendix Corporation. Adjusting strut and brake shoe connection.
96994. Imperial Chemical Industries Limited. Improvements in and relating to fertilizers. (17th December 1963).
96995. Imperial Chemical Industries Limited. Reforming hydrocarbons. (20th December 1963). [Addition to No. 89477].
96996. Union Carbide Corporation. Electrode unit and method of producing same.
96997. R. Pankert. Improved method of producing panels. (17th November 1964).
96998. Arun Bose. Hydro-electric power generation system.

Alteration of date

86765. The claim to priority date 18th January 1963 has been abandoned and the application dated as of 4th March 1963, the date of filing in India.
88371. The claim to priority date 15th June 1962 has been abandoned and the application dated as of 11th June 1963, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1953 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for

- 11th December 1964
96972. The Maharaja Sayajirao University of Baroda. B.O.D. Moderator.
96973. V. P. R. Rao. Linkage for control of trailers APSRTC Linkage for trailers".
96974. W. R. Brooksbank. Improvements in lug straps for looms for weaving.

the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

86756. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method of preparing condensation products of urea and aldehydes useful as fertilizers. Accepted on 4th December 1964.

Contacting urea with n-butyraldehyde or isobutyraldehyde in ratio range of 1:1 to 2.5:1.

86765. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Process for the preparation of solutions of pure aliphatic percarboxylic acids. (18th January 1963). Accepted on 4th December 1964.

Reacting acid in molar ratio greater than 1, with hydrogen peroxide in presence of acid catalyst.

86781. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing parts of annular magnetic heads. Accepted on 5th December 1964.

Characterized in that the two parts of ferromagnetic material of equal length are used as starting material with a gap limiting surfaces with interposition of spacing members.

86847. J. A. Ritter. Plastering composition. Accepted on 7th December 1964.

Consisting of 80 to 125 parts by weight of industrial sand, 40 to 60 parts by weight of hydrated finishing lime; 8 to 14 parts by weight of Keenes white cement, to be mixed with water.

86851. Compagnie De Saint-Gobain. Improvements in the manufacture of glass or similar thermoplastic products in sheets. Accepted on 8th December 1964.

Process for the treatment of a sheet of glass or similar thermoplastic material, comprises causing the sheet to rest on a plurality of supports consisting of a liquid.

86951. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to sources of radiation employing a gas discharge tube. Accepted on 5th December 1964.

With discharge surrounded by an envelope the permeability of which for the desired radiation produced is at least 50% and which reflects at least 50% of infra-red radiation, and load during operation being high.

86999. Rank-Xerox Limited. Improvements in or relating to process and electrophotographic apparatus for producing a latent electrostatic image. Accepted on 5th December 1964.

Process for producing a latent electrostatic image which comprises applying an electrostatic charge to a layer of finely divided photoconductive particles in a highly insulating glass binder and exposing said layer to a pattern of radiation.

87078. Telefonaktiebolaget L M Ericsson. An arrangement in a transit telecommunication system. Accepted on 8th December 1964.

With selector stages comprising special links including measuring and regulating devices which in incoming exchange and outgoing exchange comprise signal receiving device and signal sending device.

88244. C. A. V. Limited. Liquid fuel pumps for internal combustion engines. Accepted on 3rd December 1964.

Comprises spring loaded valve member in fuel flow path to open path to injection nozzle by fuel whereby opposite movement of valve urges fuel back towards pumps.

88268. Phillips Petroleum Company. Olefin disproportionation and dehydrogenation. Accepted on 4th December 1964.

Disproportionation of an olefin hydrocarbon and the production of a diolefin product comprise contacting said hydrocarbon with a disproportionation catalyst.

88293. Sealed Power Corporation. Improvements in and relating to piston and spacer expander piston ring assemblies. Accepted on 5th December 1964.

Comprises a parted ring with ends provided with return bent portion making acute angles with contiguous portions.

88303. J. R. Geigy A. G. Manufacture of stabiliser compounds, method for the stabilization of polyvinyl chloride compositions therewith and compositions thus stabilized. Accepted on 7th December 1964.

Incorporating a metal salt of a monoalkyl phosphite.

88308. Gebrüder Klocker (Klockner) o. H. G. Loom shuttle having installed or attached structures liable to be subject to shock. Accepted on 5th December 1964.

The installed or attached parts consist of at least two members one being rigid while the other is resilient.

88313. Imperial Chemical Industries Limited. Improved process for the production of polyaldehydes. (13th June 1962). Accepted on 7th December 1964.

Polymerizing an aldehyde in the presence of a catalyst at a temperature below the degradation temperature and at such a temperature a waste acid is added to the reaction medium.

88332. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Vulcanizable compositions on the basis of olefin polymers of copolymers, a process for their vulcanization and articles thus obtained. Accepted on 5th December 1964.

Vulcanizable compositions consisting of an olefin polymer or copolymer, a radicalic initiator represented by an organic peroxide and possibly a reinforcing filler are characterized in that they contain from 0.1 to 10% by weight, calculated on the polymer or copolymer weight of a furanic compound acting as free-radical acceptor.

88358. J. R. Geigy A. G. Stabilization of polyvinyl chloride compositions with organic metal salts. Accepted on 10th December 1964.

Incorporating 0.01—10% by weight of compounds like dibutyltin salt of thio-bis (ethylene β-carboxy-acrylate)

88359. J. G. Geigy A. G. Stabilization of polyvinyl chloride compositions with organic metal salts. Accepted on 10th December 1964.

Incorporating from 0.01—10% by wt. of Zn, Cu, Cd, Ba or dialkyltin salt of acid $R(-O-C\equiv O-CH=CH-C\equiv O.OH)_n$, R being alkylene or alkenylene groups and n is 2, 3 or 4.

88365. V. D. Voznesensky and R. I. Zaxon. Method of welding on metals by friction. Accepted on 10th December 1964.

Wherein weld rod which is pressed against article placed on a die is imparted oscillating or rotating motion.

88367. Polymer Corporation Limited. Process for the production of rubbery polymers of butadiene. (21st June 1962). Accepted on 11th December 1964.

Contacting butadiene with an iodine-containing catalyst formed by admixing a Grignard reagent and an organotitanium compound.

88371. Automotive Products Company Limited. Improvements in or relating to disc brakes. Accepted on 11th December 1964.
- Wherein with brake disc rotating in one direction, the moment about the pivot of movable member creates an additional force between pad applied by the reaction force and disc.*
88399. Owens-Corning Fiberglas Corporation. Control system for regulating the temperature of the feeder of a glass melting and feeding furnace employed in the manufacture of glass fibres. Accepted on 11th December 1964.
- Comprises rectifier assembly to control heating current to feeder, generating circuit generating control signal varying with temperature and a comparator circuit.*
88442. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to the drive of hot-gas reciprocating machines. Accepted on 10th December 1964.
- Wherein coupling of driving gear with piston like bodies moving expansion and compression spaces is formed by liquid columns adapted to move in ducts.*
88486. Hitachi Ltd. Dirt-proof multiple-gap device for lightning arresters. Accepted on 5th December 1964.
- Comprising a tubular capacitor inserted in the space between a porcelain housing and a stacked multiple-gap assembly enclosed therein and including a series connection of elementary capacitors between the high and low potential sides of the arrester.*
88488. Hitachi Ltd. Air-blast circuit breakers. Accepted on 7th December 1964.
- Operating device comprises a drive piston arranged in the air-reservoir at one end thereof, wherein linkages are arranged in the air reservoir interconnecting said drive piston and the bottom ends of said respective insulated rods.*
88490. Hitachi Ltd. Transformer winding. Accepted on 8th December 1964.
- Characterized by the fact that one group of the conductors is a main conductor constructing a disk-like winding unit and the other group is a sub-conductor having a plurality of conductor elements which are disposed between conductor elements of the main conductor and adapted to be connected with each other.*
88491. Hitachi, Ltd. Alloy roll material. Accepted on 8th December 1964.
- Comprising from 1.0% to 2.5% by weight of carbon, 3% to 10% by weight of chromium, 0.5% to 8% by weight of molybdenum, 0.5% to 6% by weight of tungsten, 1.0% to 7.0% by weight of vanadium, and not more than 0.5% by weight of silicon, and not more than 0.5% by weight of manganese, the balance being iron.*
88519. Inzhenerno-Stroitelny Institute. Clarifier with natural aeration of drain waters and a subsequent treatment of residue precipitated. Accepted on 11th December 1964.
- Characterized in that the clarifier is installed concentrically within a digestion chamber.*
88592. E. Wilbushewich. Apparatus for freezing liquids. Accepted on 5th December 1964.
- Comprising atleast one mould into which extends downwardly from above atleast one tubular internal evaporator adapted to be supplied with refrigerant.*
88594. General Motors Corporation. Hydraulic actuators. Accepted on 11th December 1964.
- Cam mounted on the cylinder, an index mounted on the piston rod and a cam follower pivoted on the piston rod, the movement of the piston-rod when the actuator is operated causing movement of the cam-follower on the cam to move a pointer relative to the index.*
88645. Standard Telephones and Cables Limited. Improvements in or relating to display devices. (28th June 1962). Accepted on 5th December 1964.
- On which a number of mobile units such as aircraft can be displayed.*
88729. Associated Electrical Industries Limited. Cinematograph projection apparatus. (5th July 1962). Accepted on 5th December 1964.
- Including an electric incandescent projection lamp with two filaments of differing power rating energisable from a source of electrical energy and means whereby for the projection of moving images the lamp filament having the higher power rating is energised at the voltage of the source.*
88742. Esso Research and Engineering Company. Pipeline system for transporting consecutively plurality of different products. Accepted on 8th December 1964.
- Two parallel main transport lines joint at a U bend where the slip loading line is connected and at the supply end the said transport lines terminate in a trap for a solid displacement device.*
89208. The Pyrene Company Limited. Improvements relating to the production of phosphate coatings on metals. (1st August 1962). Accepted on 11th December 1964.
- By spraying with a solution at a temperature of 100°F or less of zinc and manganese phosphates including an oxidising accelerator, the manganese content of the solution being between 5 and 50% by weight of the zinc content.*
89209. The Pyrene Company Limited. Improvements relating to the treatment of metal surfaces. (1st August 1962). Accepted on 11th December 1964.
- A surface is cleaned by spraying with zinc phosphate coating solution containing a non-ionic surface active agent or emulsified organic solvent and then immediately sprayed with zinc phosphate.*
89453. Glaverbel. Process and arrangement for the manufacture of flat glass on a molten metal bath. Accepted on 5th December 1964.
- Causing glass mass to flow from furnace over constant level over-flow and slide along inclined plane into molten metal bath, glass layer remaining supported.*
89457. Shell Internationale Research Maatschappij N. V. The preparation of ashless lubricant additives and lubricants containing them. Accepted on 11th December 1964.
- Alkenyl or alkyl succinic acid is reacted with an aliphatic amine containing at least one hydroxyl group.*
89490. Hercules Powder Company. Improvements in or relating to cross-linked polymers. Accepted on 5th December 1964.
- Heating polymer in presence of a compound of a metal of Group IIA, IIB or IVB and either 2-mercaptoimidazolines and 2-mercaptopyrimidines.*
89717. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to cathode-ray tubes of the kind having a glass bulb. Accepted on 5th December 1964.
- Between the envelope surrounding the glass bulb and the glass bulb is arranged a non-soluble hardened filling substance consisting of a magnesia cement with or without filling substances added to it.*
89902. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to magazine-type recording and/or play-back apparatus. Accepted on 8th December 1964.
- Provided with blocking member eg. pivotable lever, a displaceable pin of which is*

operated by device controlling pressure roller and which as the pressure roller is urged to the capstan closes the aperture in the casing of supply magazine to an extent such that the tag is prevented from emerging from the aperture but the record carrier is allowed to pass through.

89953. Westinghouse Brake and Signal Company Limited. Improvements in remote control arrangements. (2nd August 1963). [Addition to No. 68368]. Accepted on 5th December 1964.

Improvement in Indian Patent Specification No. 68368 wherein means are provided for producing an output signal having a progressively variable force step characteristic by the application to said means of an input signal the character of which is variable by the selective energisation of a combination of a plurality of leads.

89994. C. H. Brunt. Variable speed electric motors. Accepted on 5th December 1964.

Includes means responsive to the speed of the rotor or of the stator, the said means serving to actuate loading means whereby a load applied to either the stator or the rotor may be varied so as to vary the speed of the stator and of the rotor.

90001. Standard Telephones and Cables Limited. Low-capacitance type of high-frequency cable. Accepted on 5th December 1964.

The space between the inner and outer conductor consists of two co-axial layers having different dielectric constants; wherein the outer layer comprises plastics foam material.

90059. Associated Electrical Industries Limited. Improvements relating to electric incandescent lamps. (8th October 1962). Accepted on 5th December 1964.

The filament is positioned substantial coincident with the focus of a first reflector and includes a supplementary reflector of refractory material located in juxtaposition to the filament.

90105. Associated Electrical Industries Limited. Improvements in sterilisers for surgical instruments. (2nd October 1962). Accepted on 5th December 1964.

A fan is arranged to circulate air within the chamber in series over the heating and cooling means and instruments placed in the chamber whereby the fan can be caused to circulate the air at two different conditions.

90160. California Research Corporation. Slender column support for offshore platforms. Accepted on 7th December 1964.

Having a submerged base portion having specific gravity exceeding that of surrounding water, an intermediate submerged portion, and an upper portion partially submerged and buoyant.

90271. Westinghouse Electric Corporation. Improvements in or relating to X-ray apparatus. Accepted on 5th December 1964.

Wherein the center line of X-ray beam coincides with a reference line passing through both the X-ray source and a predetermined point on imaging means, and aligning means responsive to relative movement between X-ray source and imaging means for so tilting X-ray source.

90369. Standard Telephones and Cables Limited. Radio navigation system. (29th November 1962). Accepted on 5th December 1964.

Having means at a receiving station to compare in phase a direction-dependent signal with a reference signal, and means to compare a harmonic of the direction-dependent signal with a harmonic of the reference signal.

91351. Associated Electrical Industries Limited. Improvements relating to synchronously operable electrical machines. (31st December 1962). Accepted on 8th December 1964.

Includes brushless excitation having one or more protective circuit elements mounted on a stationary part and connected to the excitation circuit through sliprings and co-operating brushes.

92101. Institut Francais Du Pétrole, Des Carburants Et Lubrifiants. Combined process for hydrocracking of hydrocarbons. Accepted on 11th December 1964.

The mixture containing the light intermediate fraction and the light starting fraction is hydrocracked under hydrocracking condition in presence of a catalyst.

Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

47715 — National Research Development Corporation of India.

71027 }
74445 } President of India.

76102 — Chaphone Engineering Developments Limited.

83879 — John Happel and Leonard Kramer.

Renewal Fees Paid

42566.	42828.	43371.	43964.	44263.	44284.	44673.
46351.	46359.	46360.	46361.	46443.	46551.	46614.
46676.	46756.	46851.	46875.	48314.	48585.	48616.
48630.	48636.	48855.	49185.	49538.	49612.	49665.
50089.	50859.	50909.	50963.	51339.	51714.	52004.
52279.	53211.	53357.	53415.	53447.	53567.	53645.
53658.	53673.	53848.	53951.	54355.	54386.	55033.
56028.	56096.	56097.	56135.	56167.	56215.	56216.
56217.	56218.	56219.	56220.	56295.	56317.	56504.
56512.	56674.	56713.	56770.	56793.	56929.	59138.
59139.	59140.	59141.	59142.	59143.	59144.	59145.
59146.	59147.	59148.	59165.	59166.	59235.	59292.
59313.	59345.	59366.	59419.	59435.	59452.	59456.
59489.	59526.	59585.	61946.	62454.	62459.	62484.
62565.	62638.	62743.	62760.	62803.	62835.	62908.
62959.	62960.	62996.	63022.	63090.	63096.	63112.
63232.	63236.	63625.	63802.	64284.	64285.	64286.
65513.	66012.	66081.	66132.	66133.	66143.	66311.
66326.	66339.	66346.	66347.	66363.	66365.	66371.
66373.	66393.	66409.	66451.	66482.	66499.	66561.
66566.	66596.	66600.	66640.	66685.	66861.	66870.
67038.	67215.	67391.	67606.	67964.	68064.	68599.
69606.	69734.	69952.	69954.	69997.	70159.	70160.
70161.	70179.	70215.	70321.	70322.	70323.	70324.
70336.	70339.	70343.	70348.	70350.	70351.	70374.
70394.	70397.	70398.	70401.	70422.	70450.	70455.
70469.	70502.	70545.	70550.	70567.	70620.	70685.
70830.	70865.	71016.	71163.	71315.	71576.	71824.
72020.	72083.	72787.	72788.	73085.	73086.	73714.
73715.	74107.	74149.	74382.	74399.	74416.	74422.
74425.	74432.	74453.	74467.	74540.	74639.	74654.
74764.	74769.	74855.	74886.	74926.	74927.	74934.
74946.	74963.	74998.	75025.	75027.	75036.	75042.
75060.	75096.	75227.	75232.	75278.	75304.	75345.
75555.	75586.	75591.	75662.	75663.	75691.	75692.
75831.	75872.	75873.	75901.	75913.	75915.	75932.
75982.	76131.	76377.	76762.	77251.	79267.	80074.
80124.	83945.	83946.				

Cessation of Patents

45799.	50132.	52691.	55331.	55340.	55365.	58351.
58363.	61615.	61619.	61652.	61676.	65116.	65129.
65143.	65152.	65164.	75184.	68968.	68988.	68994.
73235.	73239.	73260.	73261.	73263.	73272.	73273.
73303.						

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. Nos. 122643 and 122644. Amar Saund Engineering Co., V. & P.O. Rurka Khurd, Distt. Jullundur, Punjab State, Indian "Partnership Firm", "Tie rod end", July 9, 1964.
- Class 1. No. 122645. Amar Saund Engineering Co., V. & P.O. Rurka Khurd, Distt. Jullundur, Punjab State, Indian "Partnership Firm", "Drag link", July 9, 1964.
- Class 1. No. 122755. United Industries (India) (An Indian partnership concern), Siri Nagar, Aligarh, U.P., "Stapling machine", July 25, 1964.
- Class 1. No. 122947. Siya Ram Kumar Engineering Works Private Limited, 20B, Nazafgarh Road, New Delhi-15 (a company incorporated under the Indian Companies Act), "Hydraulic jack", August 7, 1964.
- Class 3. No. 122534. Dr. Jai Singh's Son & Co. Limited (an Indian Company), 18/4, Asaf Ali Road, Post Box No. 457, New Delhi-1, "Contraceptive applicator for family planning", June 23, 1964.
- Class 3. No. 122617. Excel Cosmetics Corporation, 71, Canning Street, Calcutta-1, West Bengal, India, an Indian partnership firm, "Containers", July 2, 1964.
- Class 3. No. 123299. Bright Brothers Private Limited, A Company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Bags", September 4, 1964.
- Class 3. No. 123300. Vinmold Private Limited, Incorporated in India, King Edward Road (Cross Lane), Sewri, City of Bombay, State of Maharashtra, India, "Containers", September 4, 1964.
- Class 3. No. 123301. Vinmold Private Limited, Incorporated in India, King Edward Road (Cross Lane), Sewri, City of Bombay, State of Maharashtra, India, "Miniature chests", September 4, 1964.
- Class 3. No. 123330. Shantaram Raghurao Hemmand, 3-B, Hindusthan Road, P.O. Rash Behari Avenue, Calcutta-29, State of West Bengal, India, an Indian, "A pin holder", September 7, 1964.
- Class 4. No. 122618. Excel Cosmetics Corporation, 71, Canning Street, Calcutta-1, West Bengal, India, an Indian partnership firm, "Containers", July 2, 1964.
- Class 4. No. 123240. Step Cosmetics, Indian Partnership Firm, 504, Veena Vihar, 17A, Flank Road, Bombay-22 (Maharashtra), "Sprayers", September 2, 1964.
- Class 4. Nos. 123241 and 123242. Step Cosmetics, Indian Partnership Firm, 504, Veena Vihar, 17A, Flank Road, Bombay-22 (Maharashtra), "Bottle", September 2, 1964.
- Class 13. Nos. 123625 to 123672. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", October 3, 1964.
- Class 13. No. 123692. N. M. Rubber Company (Private) Limited, Dhun Buildings, 175/1, Mount Road, P. B. No. 3713, Madras-2, South India, Subjects of the Indian Republic, "Tapestry (blue colour)", October 7, 1964.
- Class 13. No. 123849 to 123851. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", October 31, 1964.
- Class 13. Nos. 123981 to 123983. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Nationality, Indian Company, "Textile goods", November 10, 1964.

A. JOGARAO

*Controller General of Patents,
Designs and Trade Marks,*

